

FIG. 1
(Prior Art)

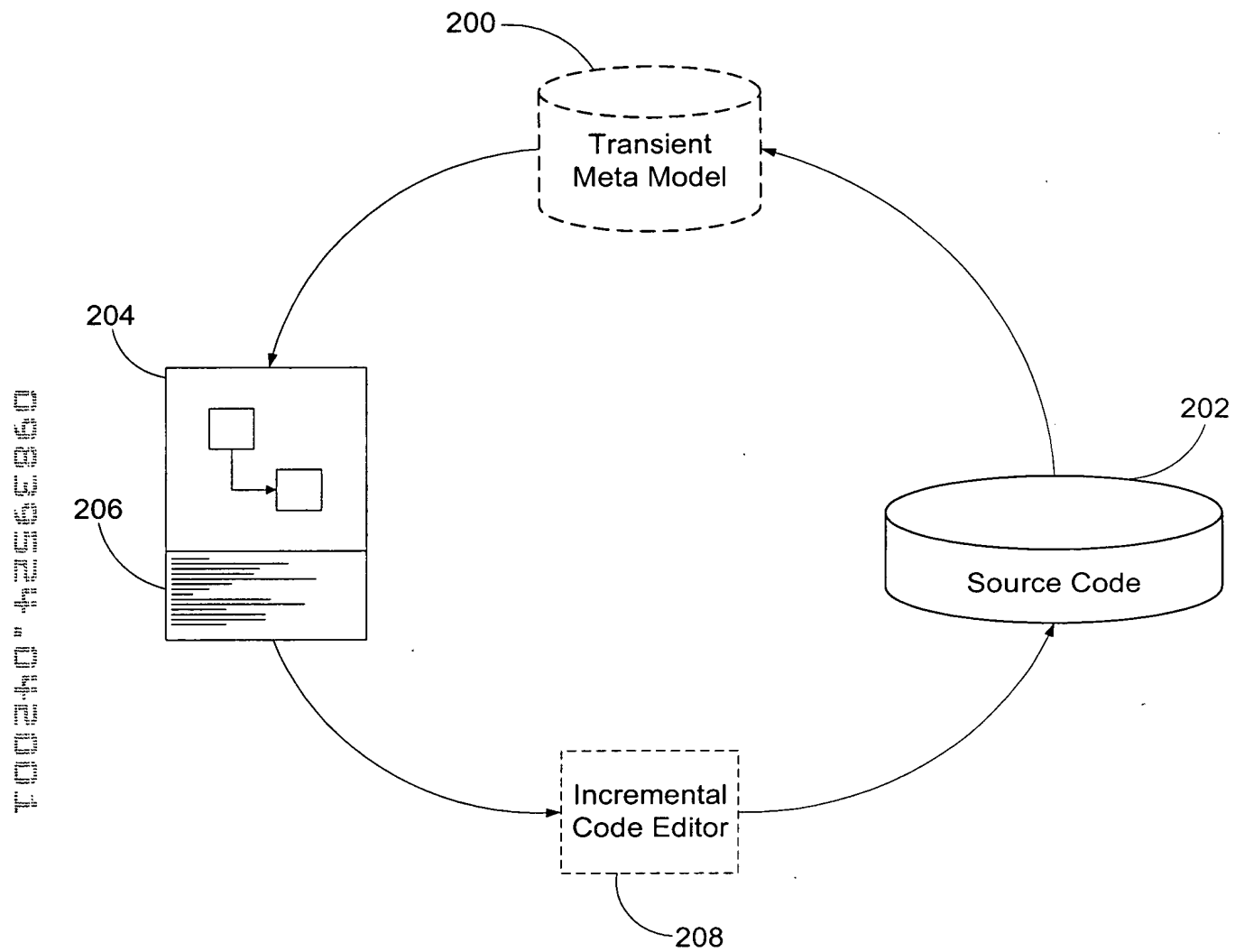


FIG. 2

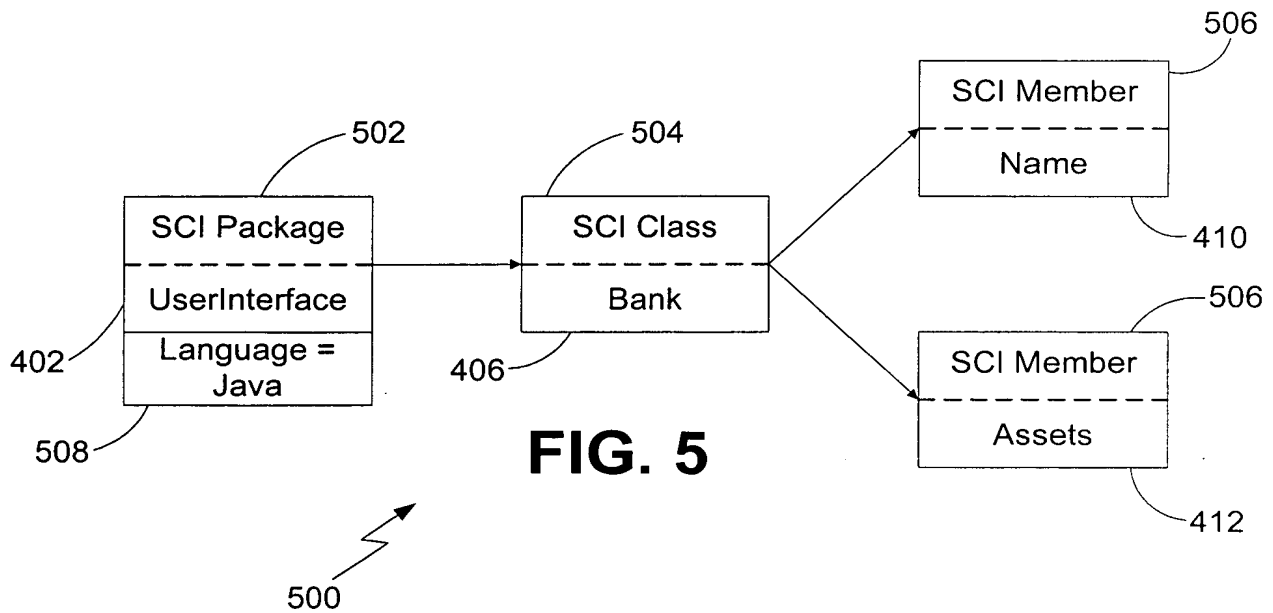
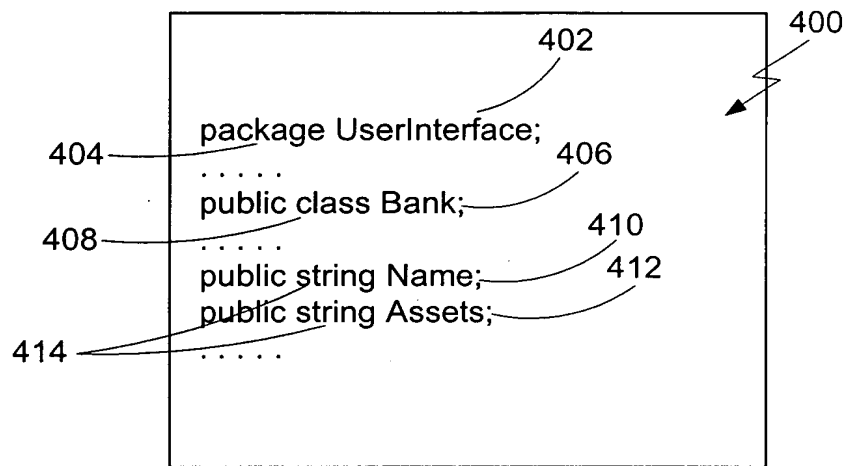
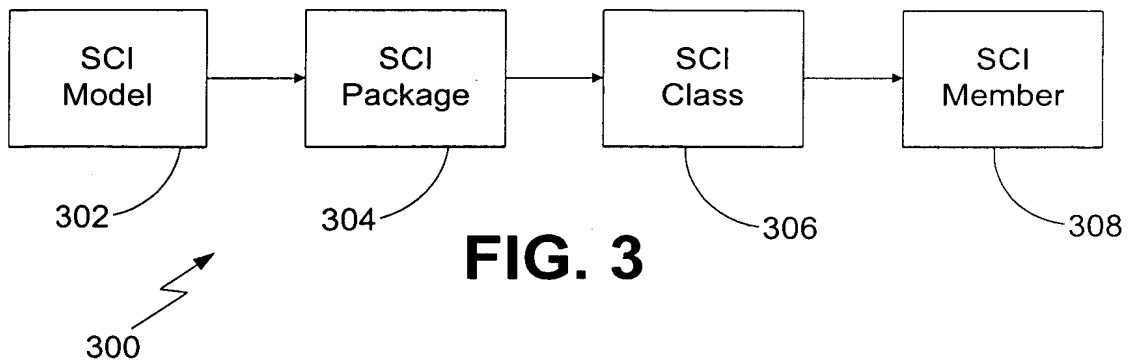


FIG. 6

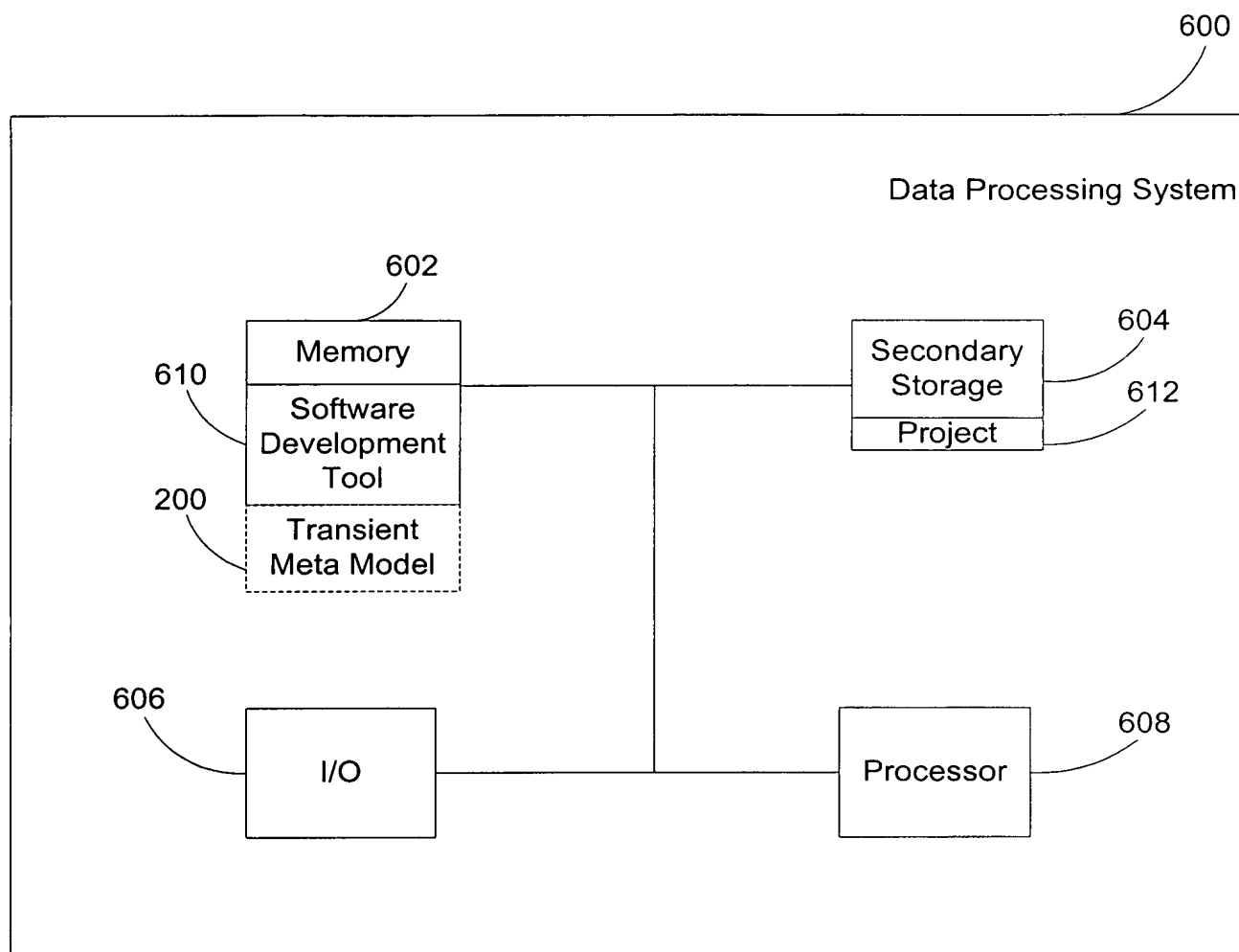


FIG. 6

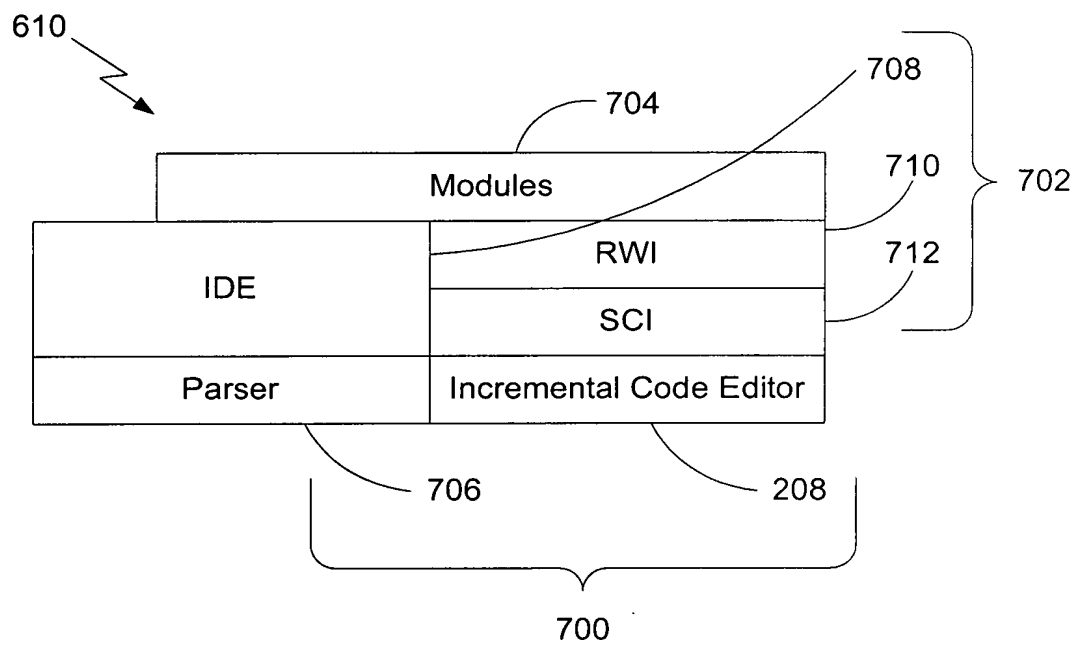


FIG. 7

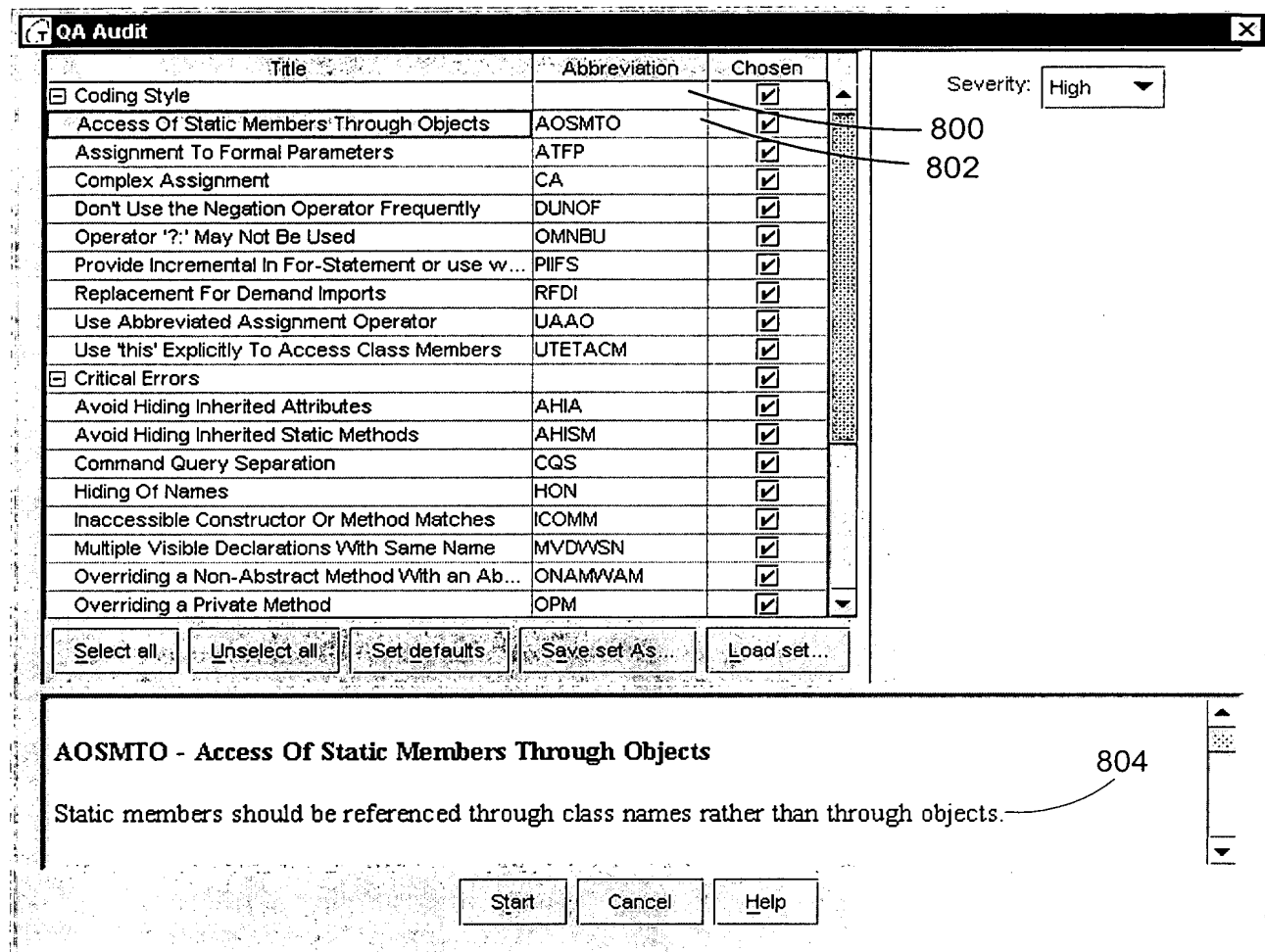


FIG. 8A

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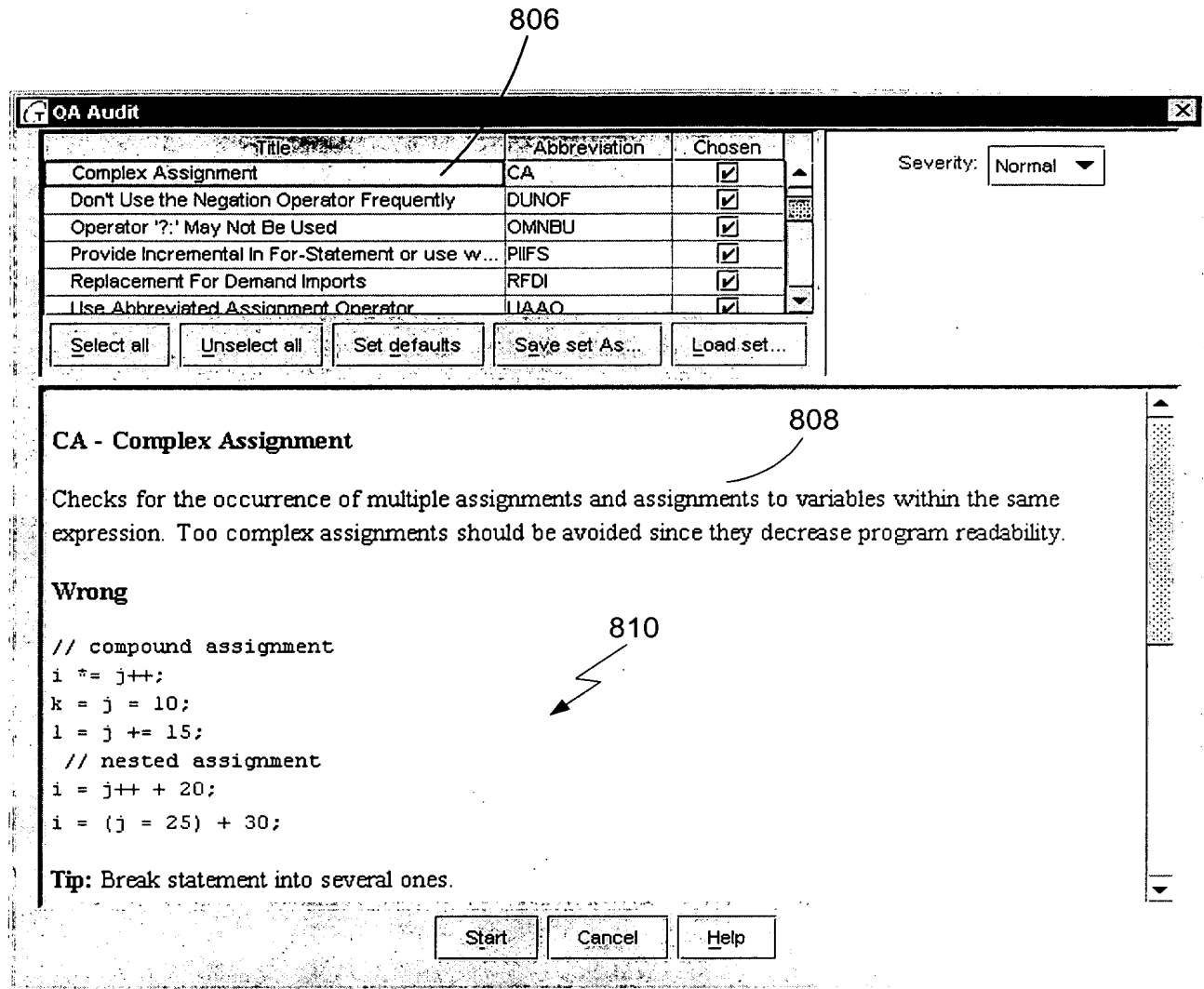


FIG. 8B

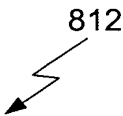
[illegible]

FIG. 8C

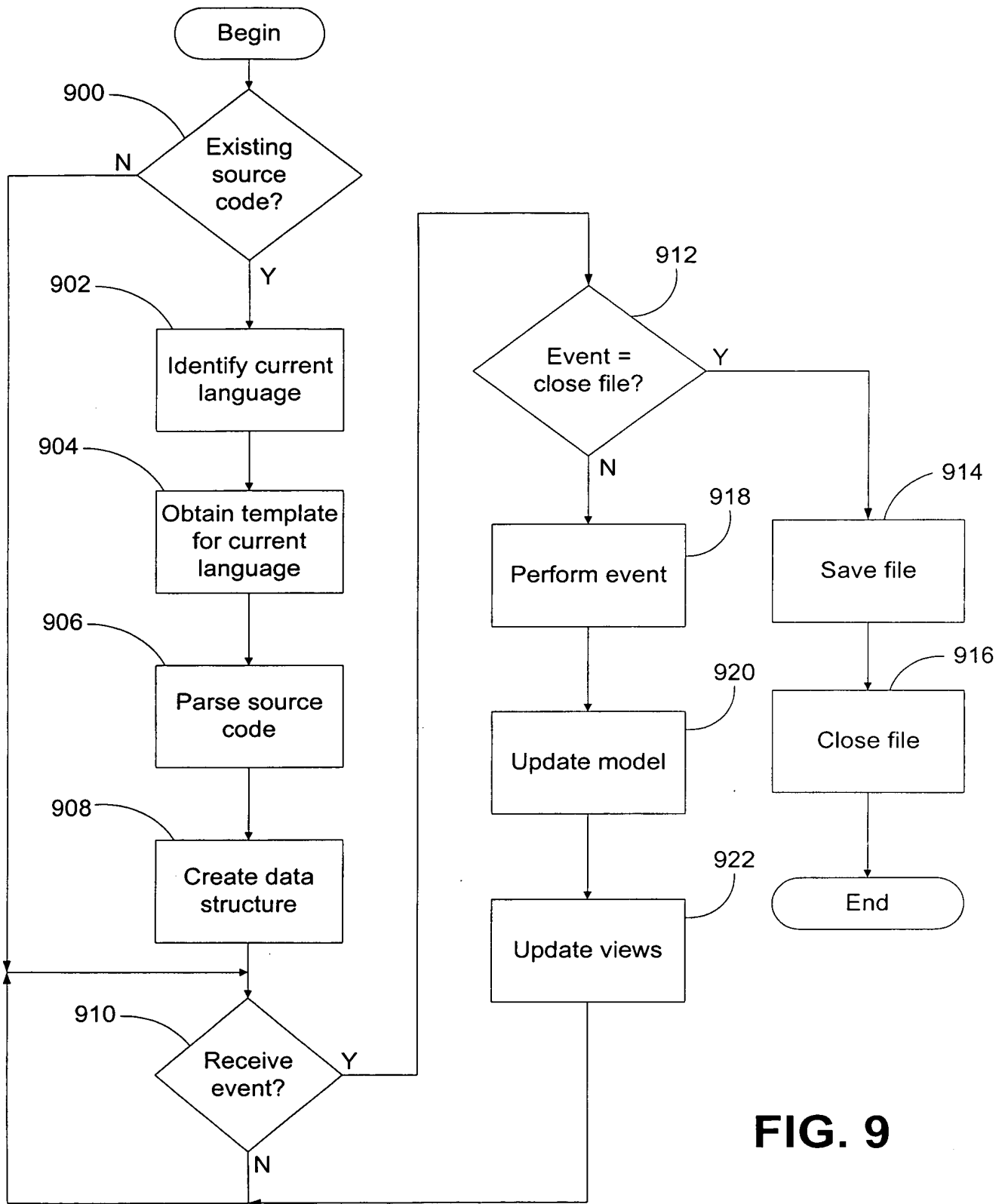


FIG. 9

FIG. 10A

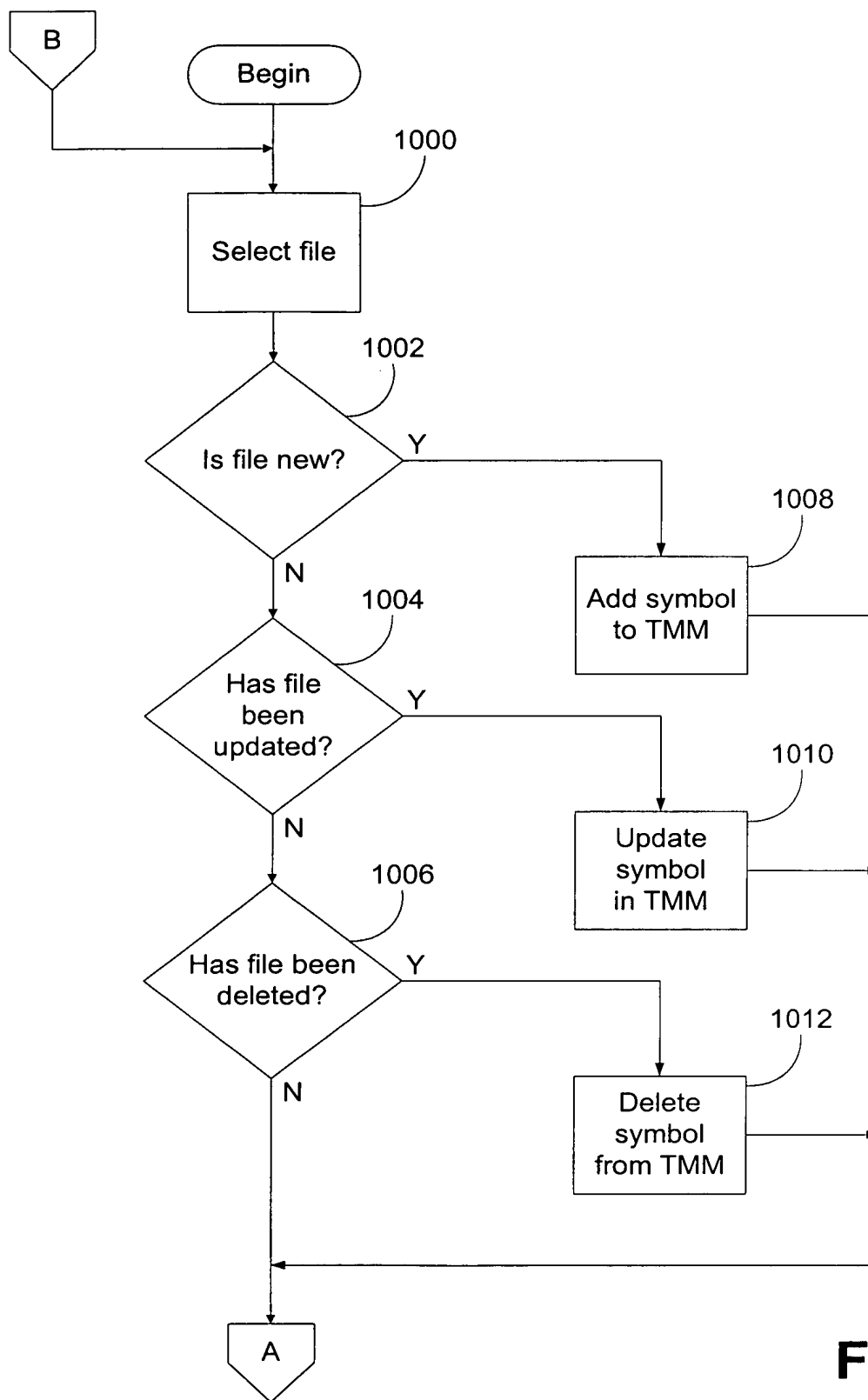


FIG. 10A

FIG. 10B

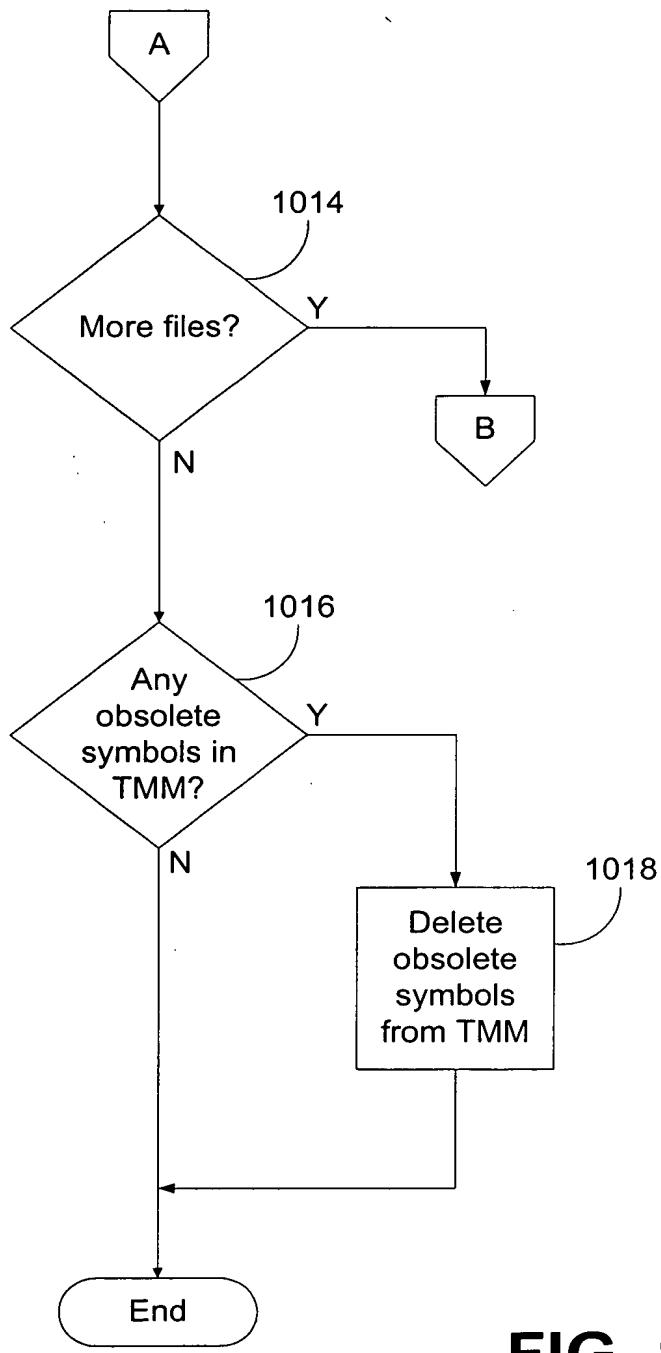


FIG. 10B

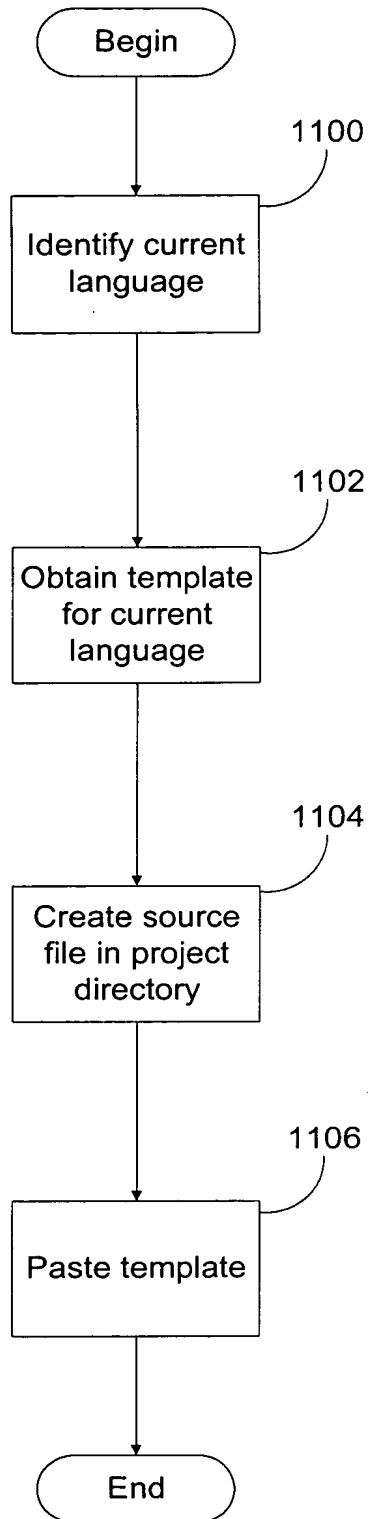


FIG. 11

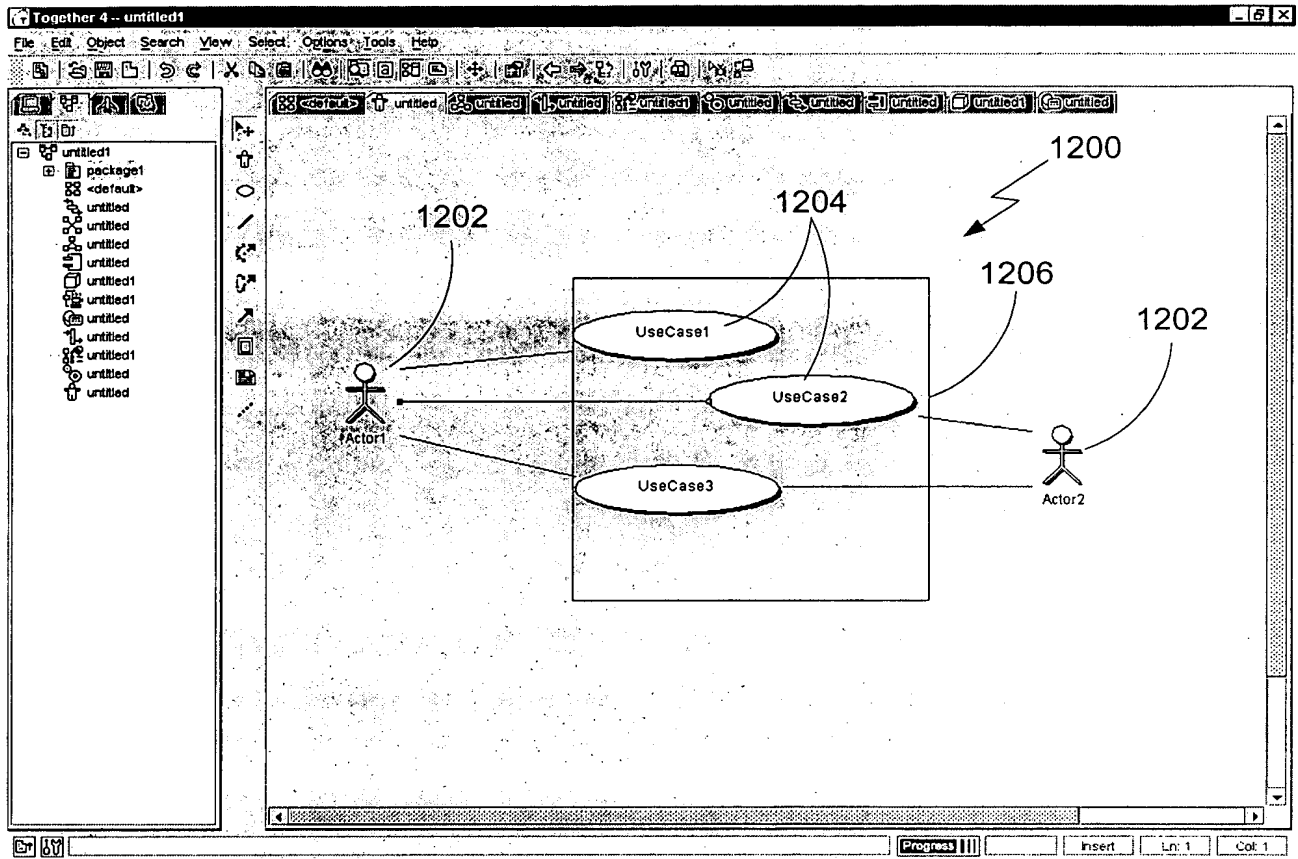


FIG. 12

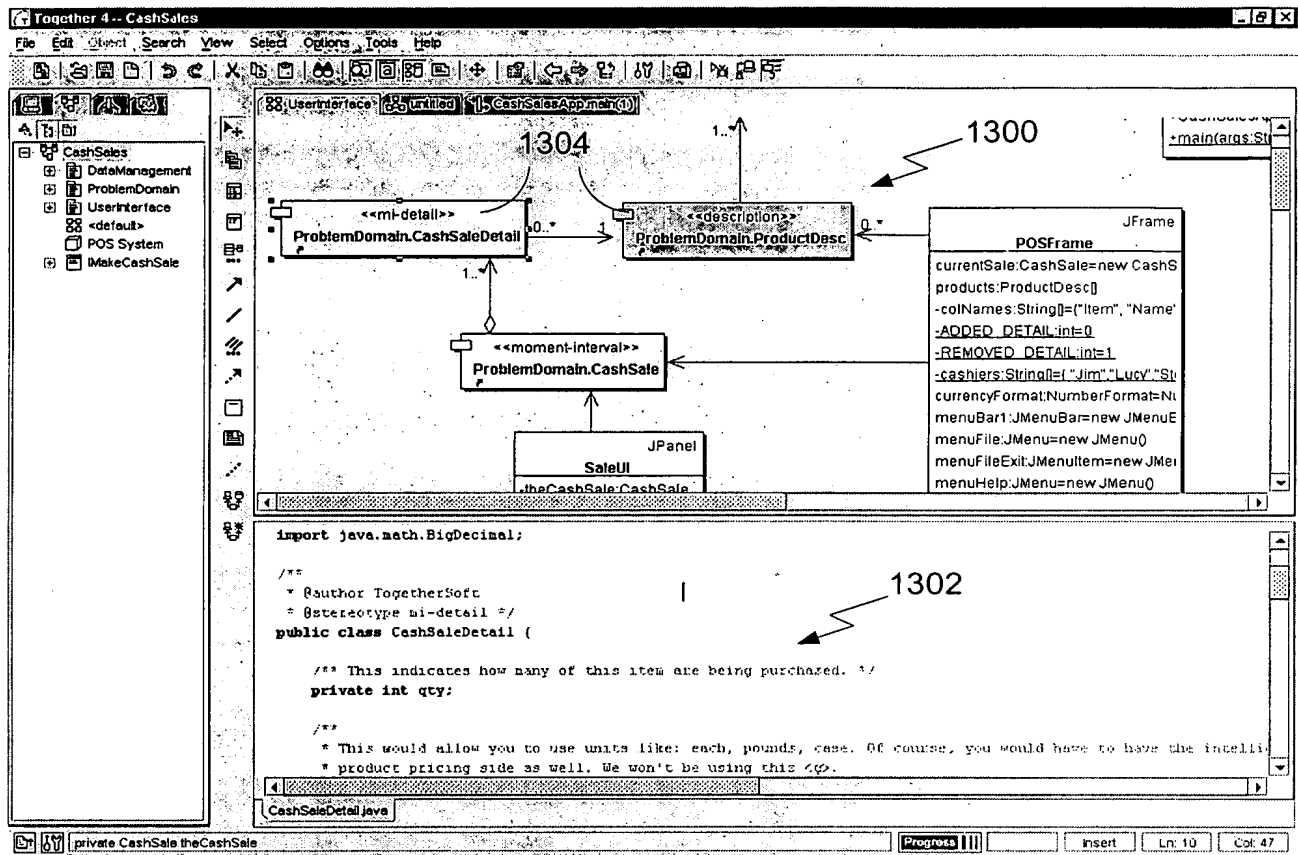


FIG. 13

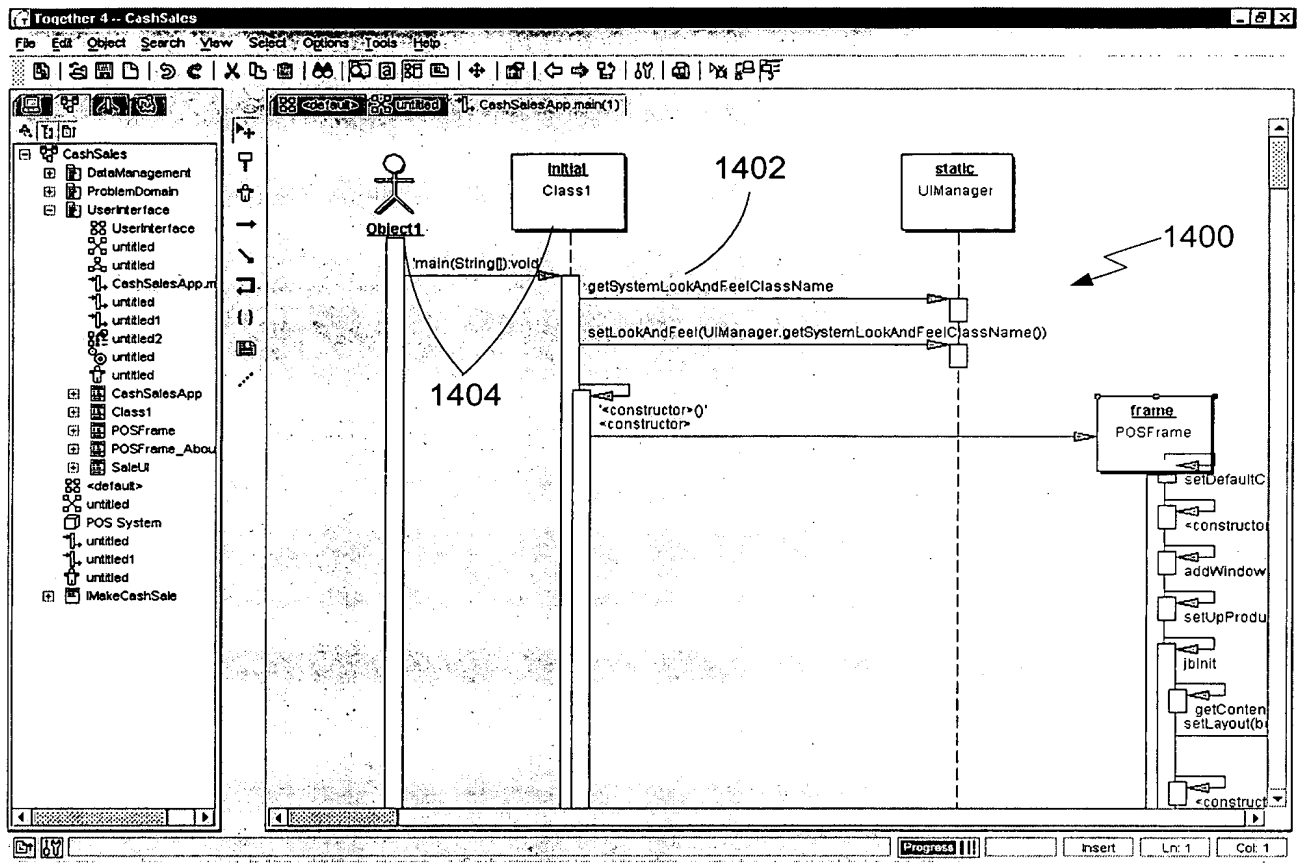


FIG. 14

FIG. 15

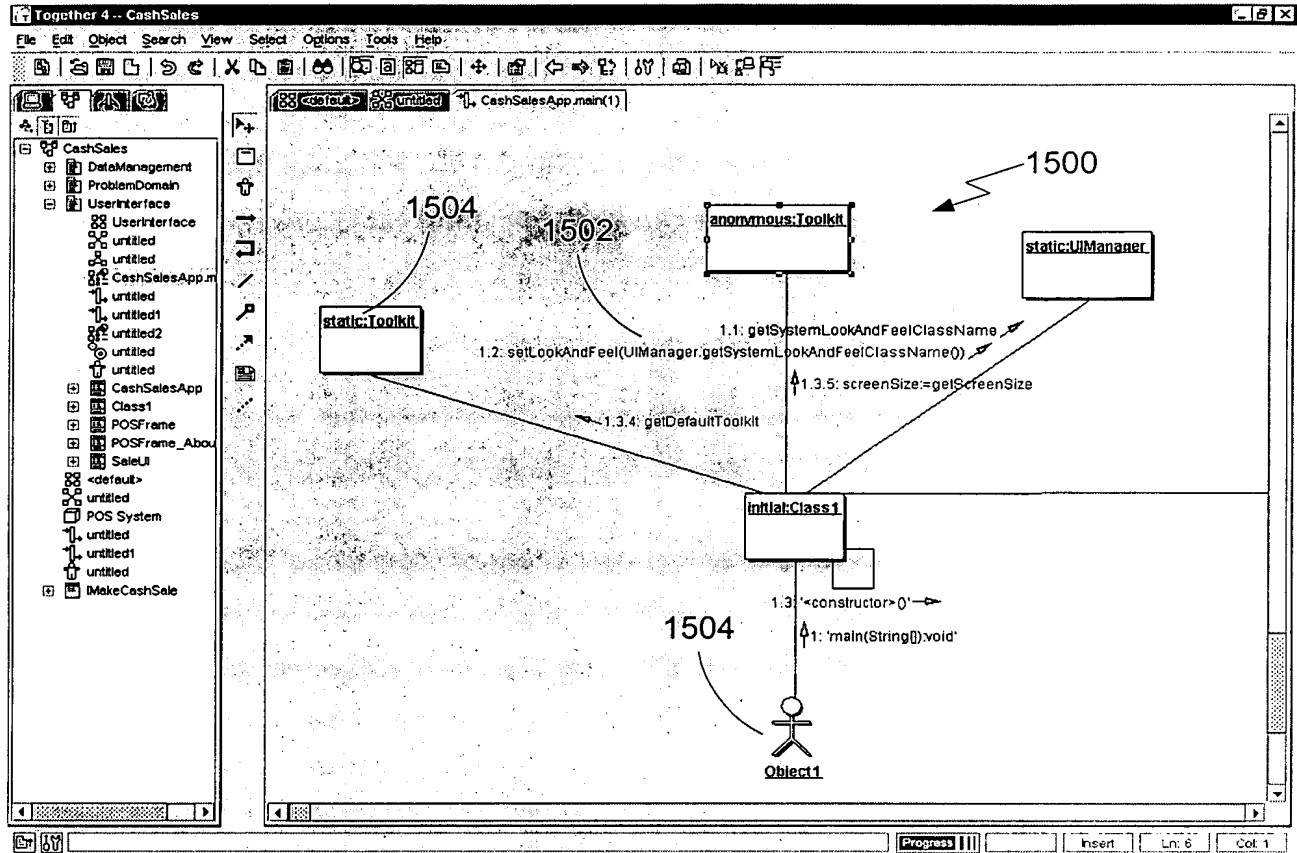


FIG. 15

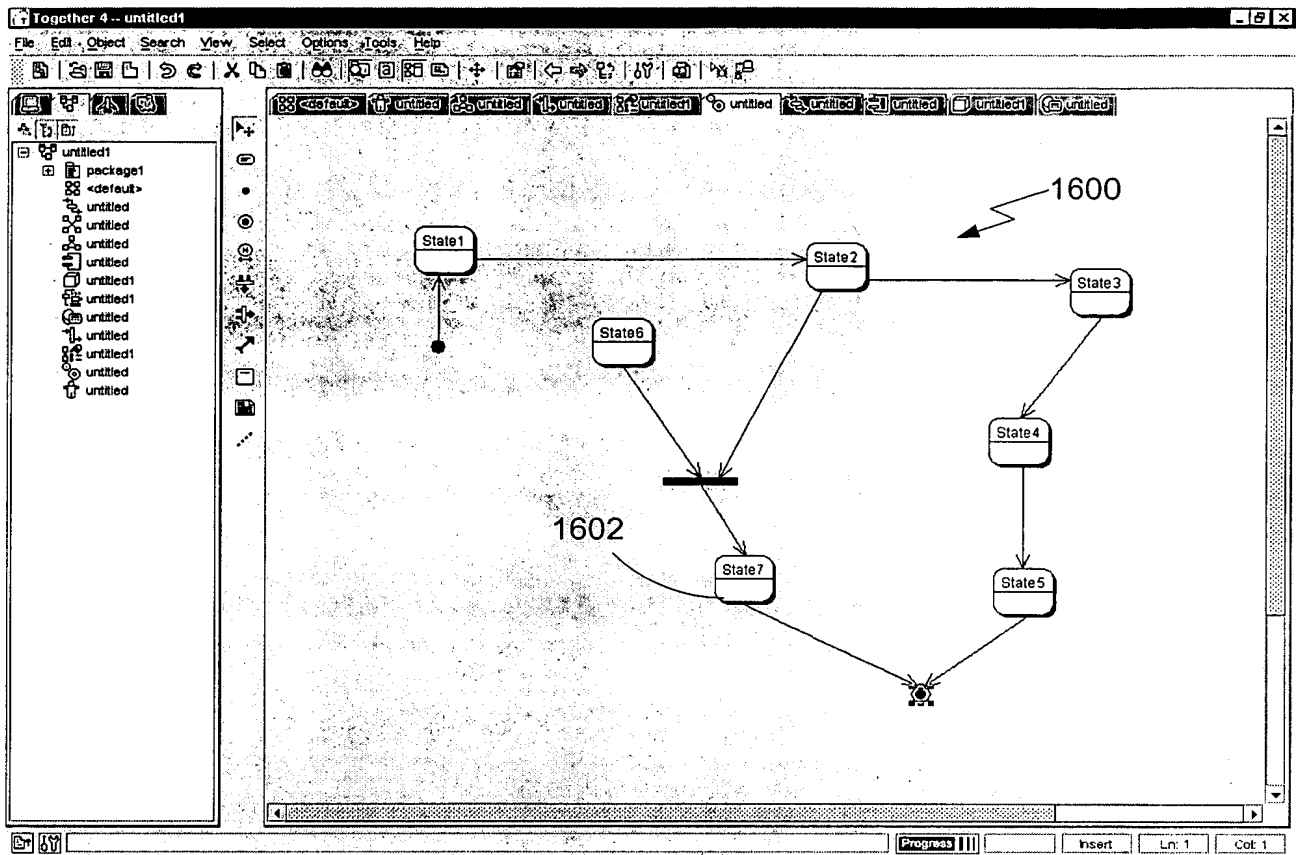


FIG. 16

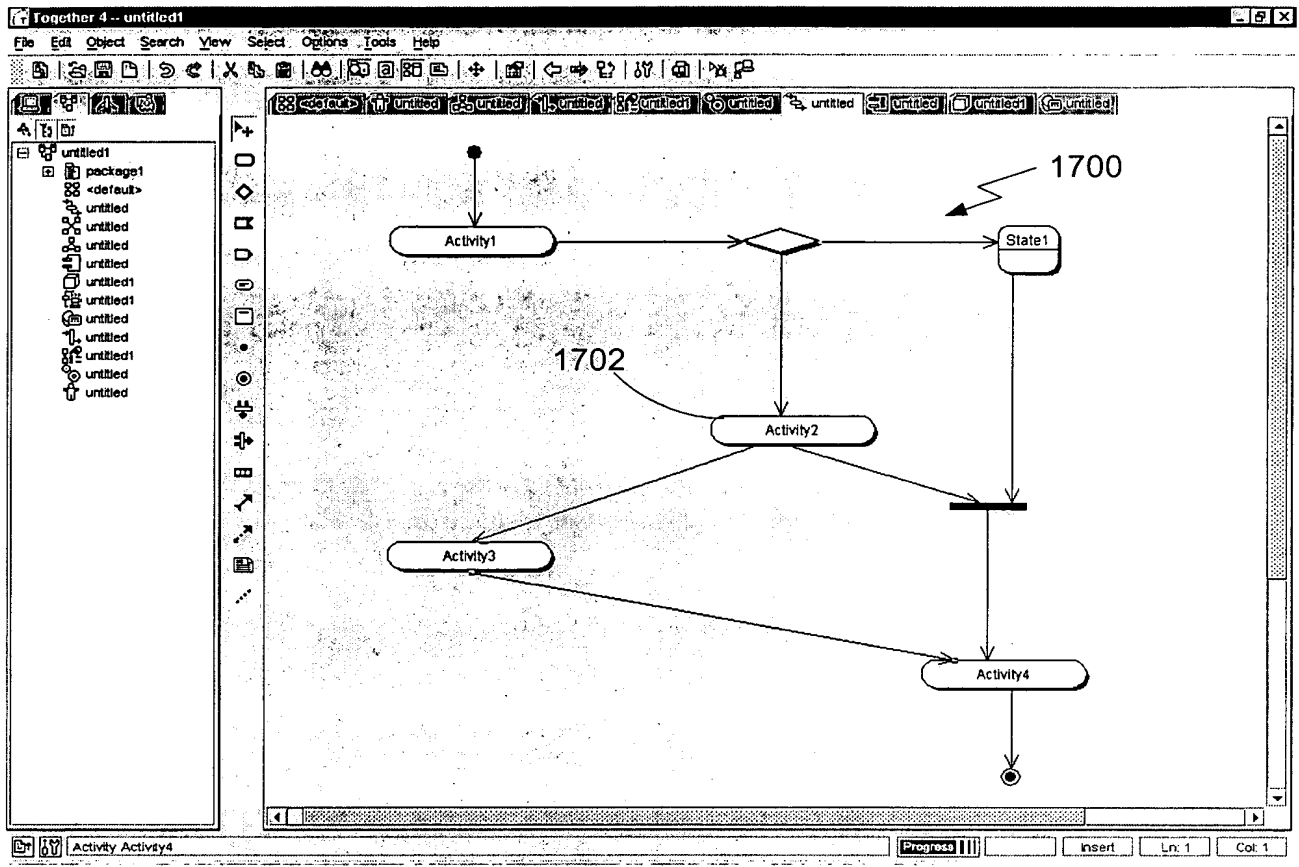


FIG. 17

FIG. 18

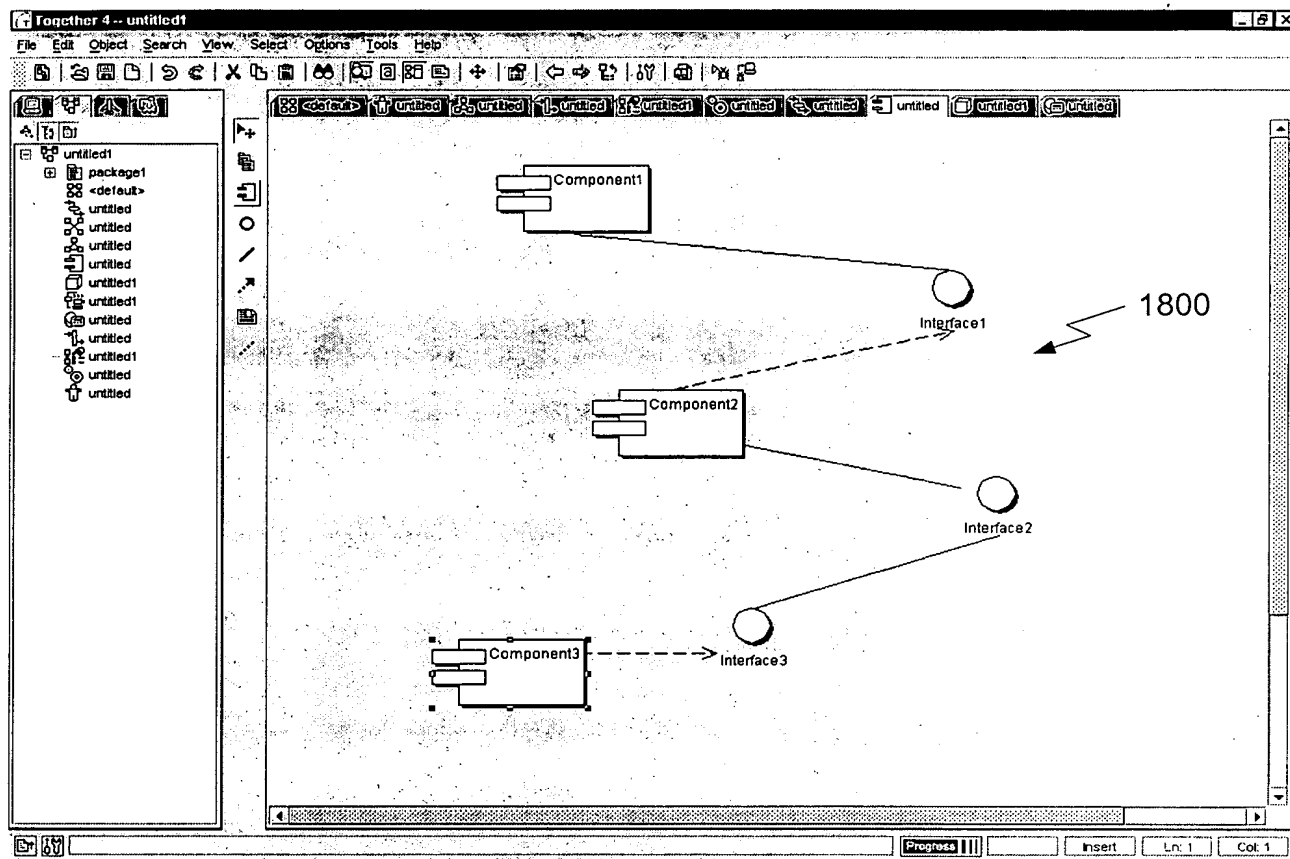


FIG. 18

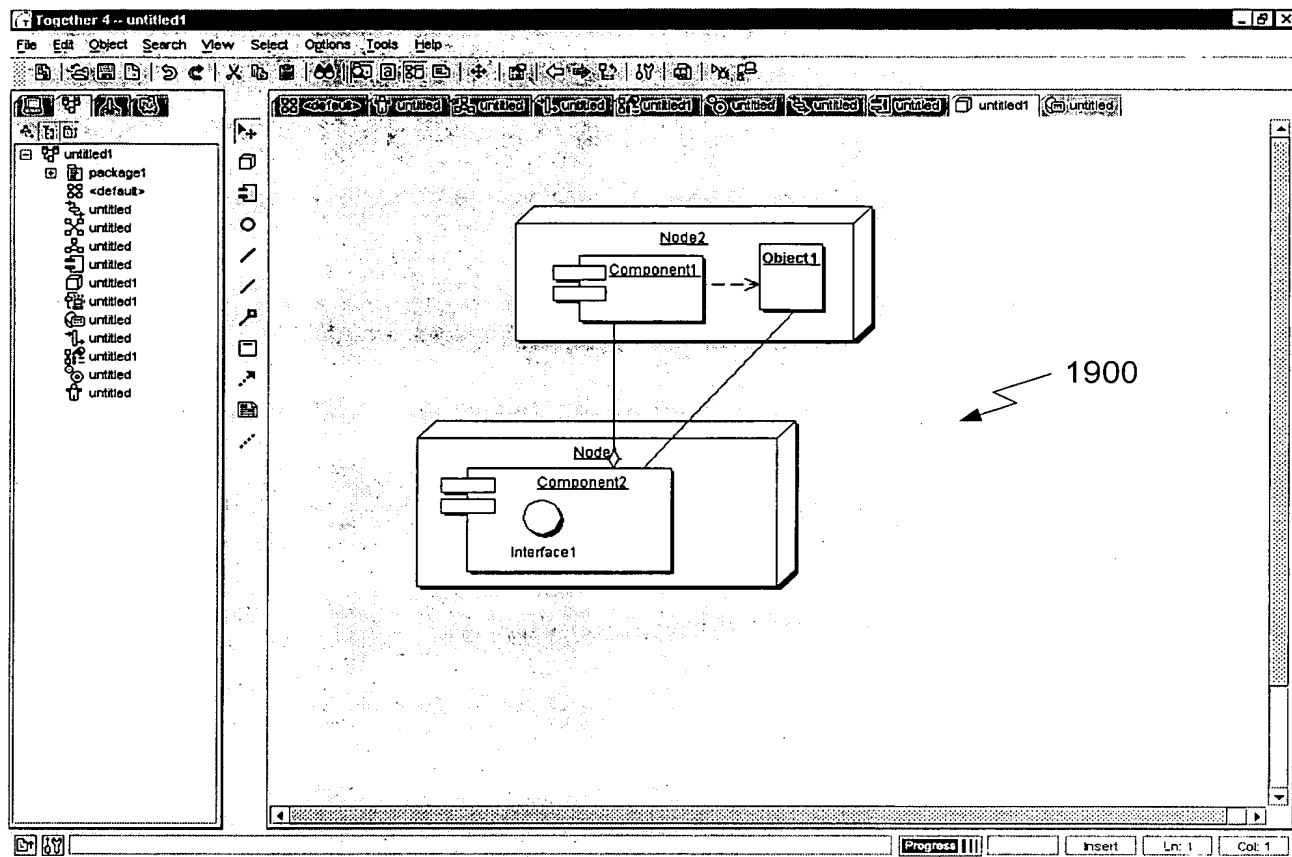


FIG. 19

FIG. 20

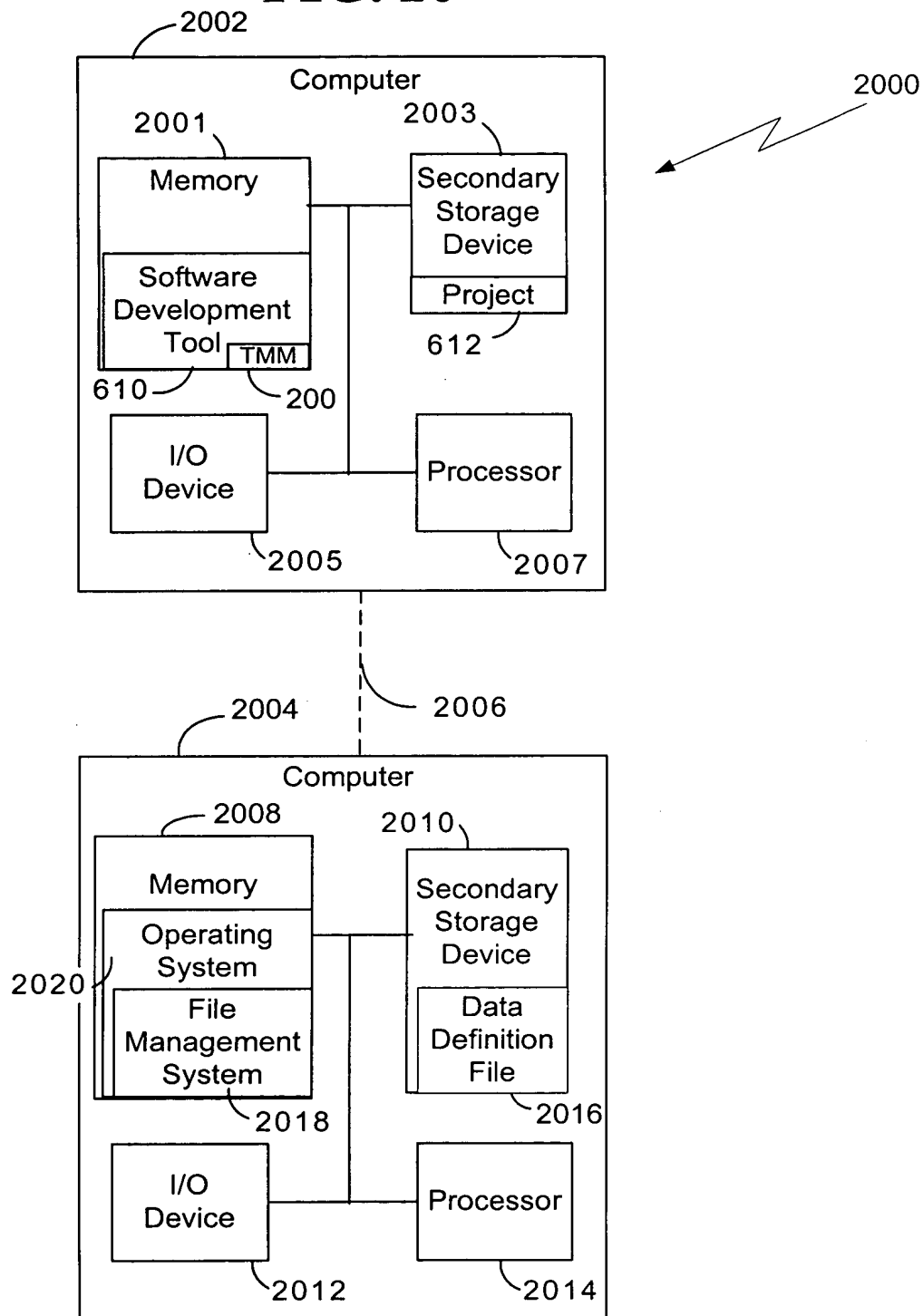


FIG. 21A

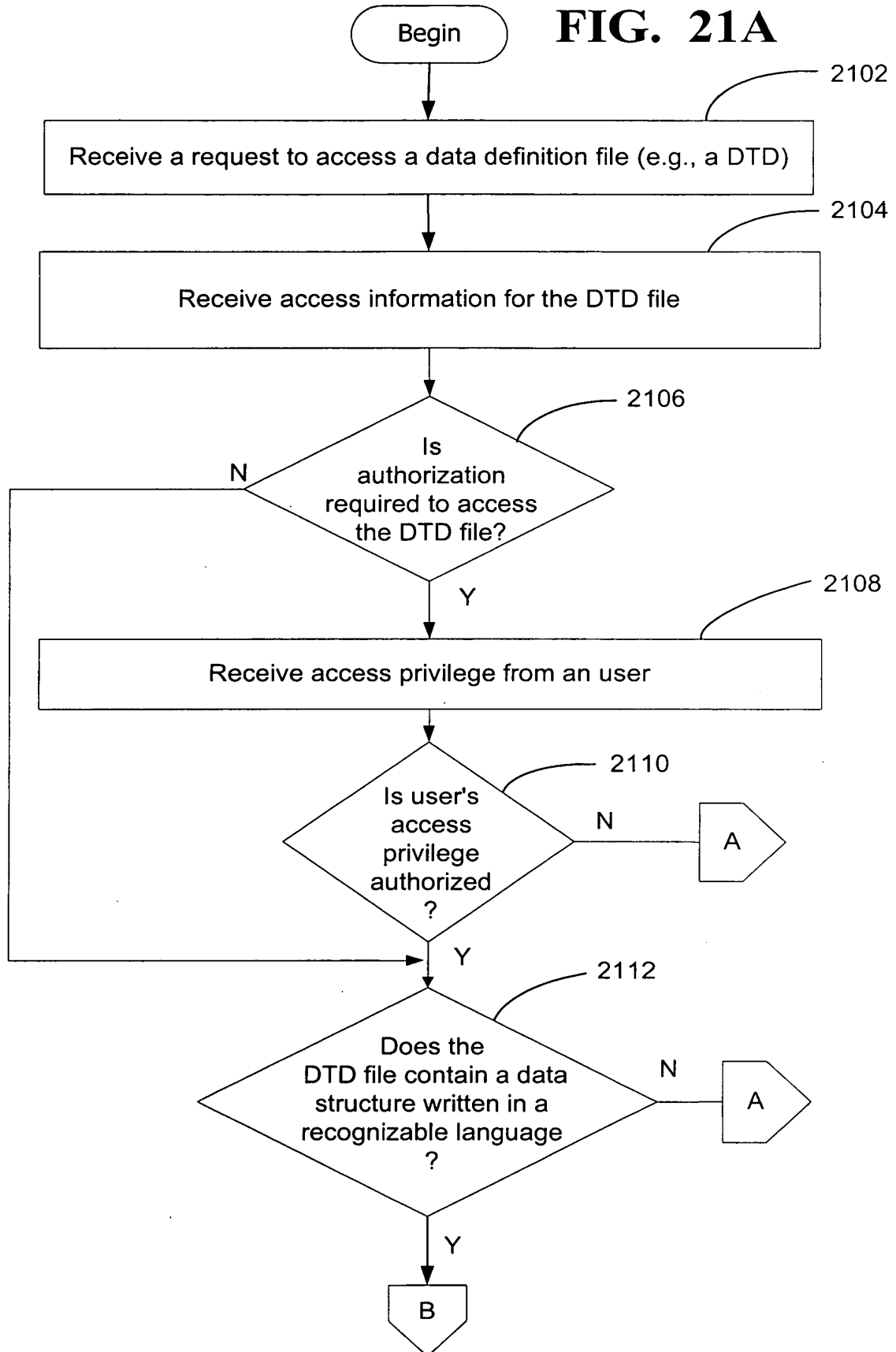


FIG. 21B

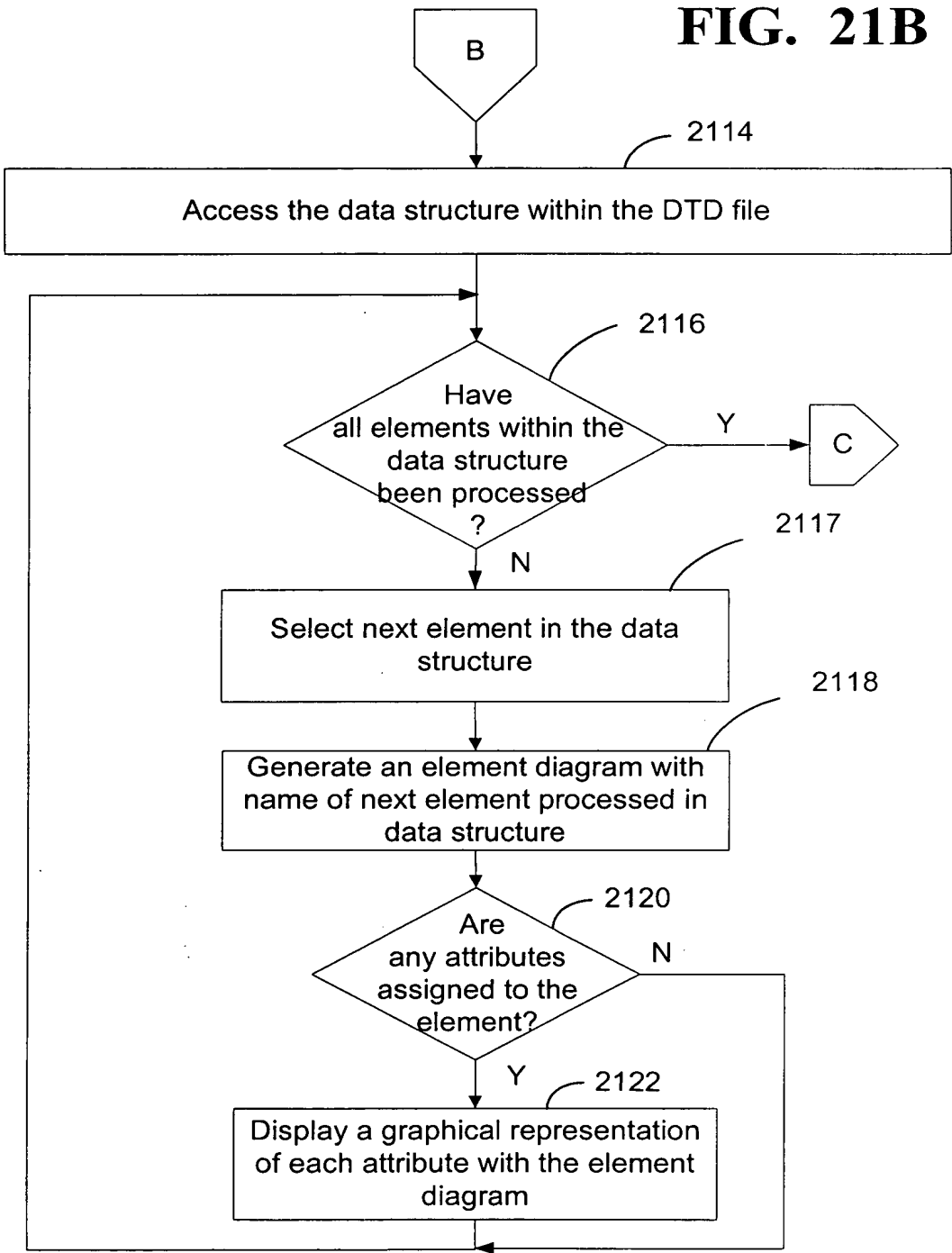


FIG. 21C

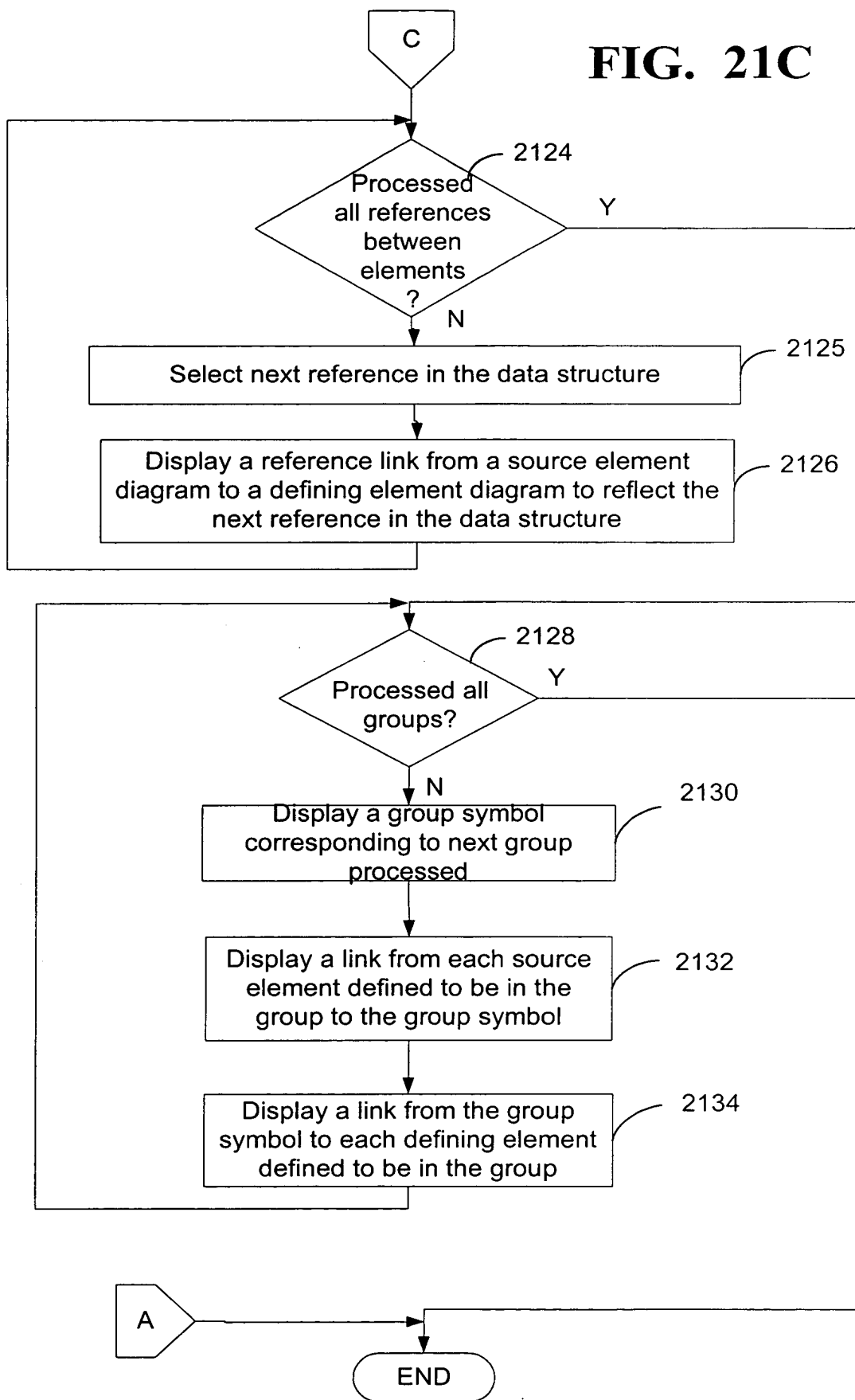
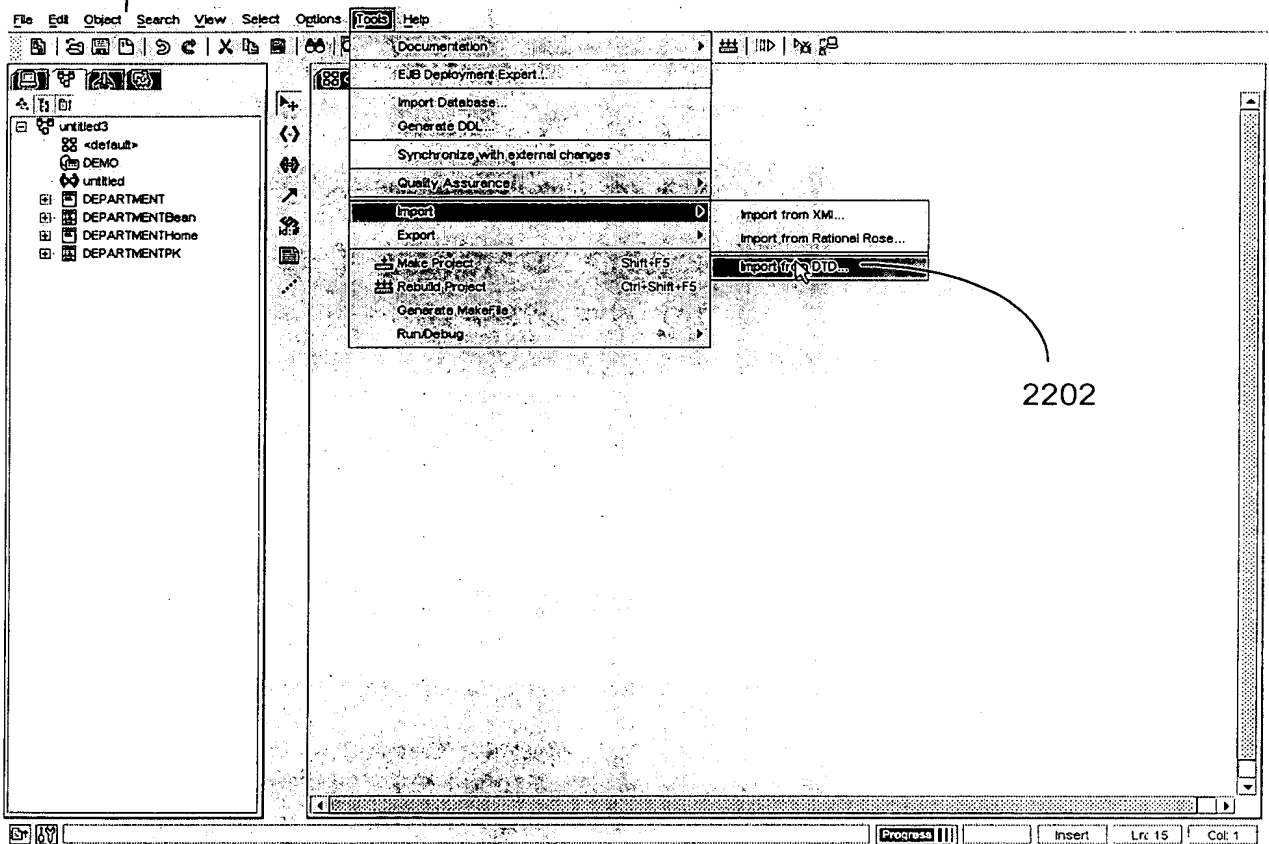


FIG. 22

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FIG. 22

FIG. 23

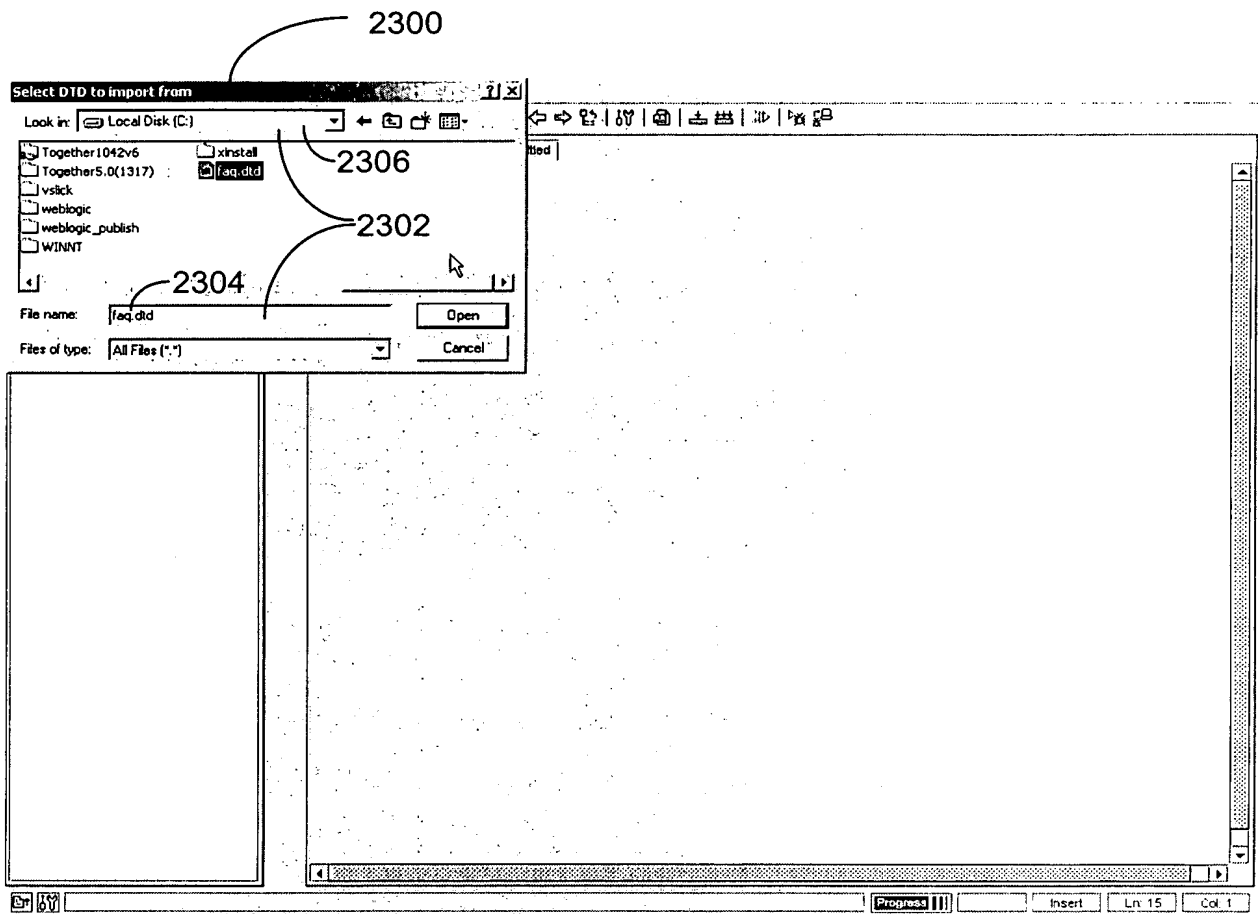


FIG. 24

<?xml version="1.0" encoding="ASCII"?>
 <!-- Generated by Together -->
 <!-- Processing instructions -->
 <!-- Attribute entities -->
 <!-- Reusable attribute is presented as an entity -->
 <!ENTITY % comment "comment CDATA #IMPLIED " >
 <!ENTITY % job_description "job_description CDATA #IMPLIED " >
 <!-- Attribute group entities -->
 <!-- Attribute groups are also presented as entity parameters-->
 <!ENTITY % name "first_name CDATA 'ivan' last_name CDATA #REQUIRED
 second_name CDATA #IMPLIED " >
 <!-- Model group entities -->
 <!-- Model groups are presented as entity parameters as well -->
 <!ENTITY % xmlModelGroup1 "hierarchy? , url* , personal , email* " >
 <!-- Elements -->
 <!-- This is an element whose content is described in the Model Group 1 -->
 <!ELEMENT employee (%xmlModelGroup1;) >
 <!-- Here are the sttributes of this element -->
 <!ATTLIST employee identifier CDATA #REQUIRED >
 <!ELEMENT chief_executive (%xmlModelGroup1;) >
 <!ATTLIST chief_executive identifier CDATA #REQUIRED >
 <!ELEMENT url EMPTY >
 <!ATTLIST url %job_description; >
 <!ELEMENT email (#PCDATA) >
 <!ATTLIST email address CDATA #IMPLIED %comment; >
 <!ELEMENT personal (#PCDATA) >
 <!-- Attribute a-dtype describes non-standard types of the other attributes -->
 <!ATTLIST personal date_of_birth CDATA #REQUIRED %name; a-dtype
 NMTOKENS "date_of_birth date " >
 <!ELEMENT hierarchy EMPTY >
 <!ATTLIST hierarchy subordinates IDREFS #IMPLIED supervisor ID #IMPLIED
 %comment; position CDATA #REQUIRED >
 <!ELEMENT personnel (employee* , chief_executive?) >
 <!-- General entities -->
 <!ENTITY Entity1 "111">
 <!ENTITY Entity2 PUBLIC "e2" "e2" NDATA Notation1 >
 <!ENTITY Entity3 PUBLIC "e3" "e3" NDATA Notation2 >
 <!-- Notations -->
 <!NOTATION Notation1 PUBLIC "n1" "n1" >
 <!NOTATION Notation2 PUBLIC "n2" "n2" >

FIG. 25

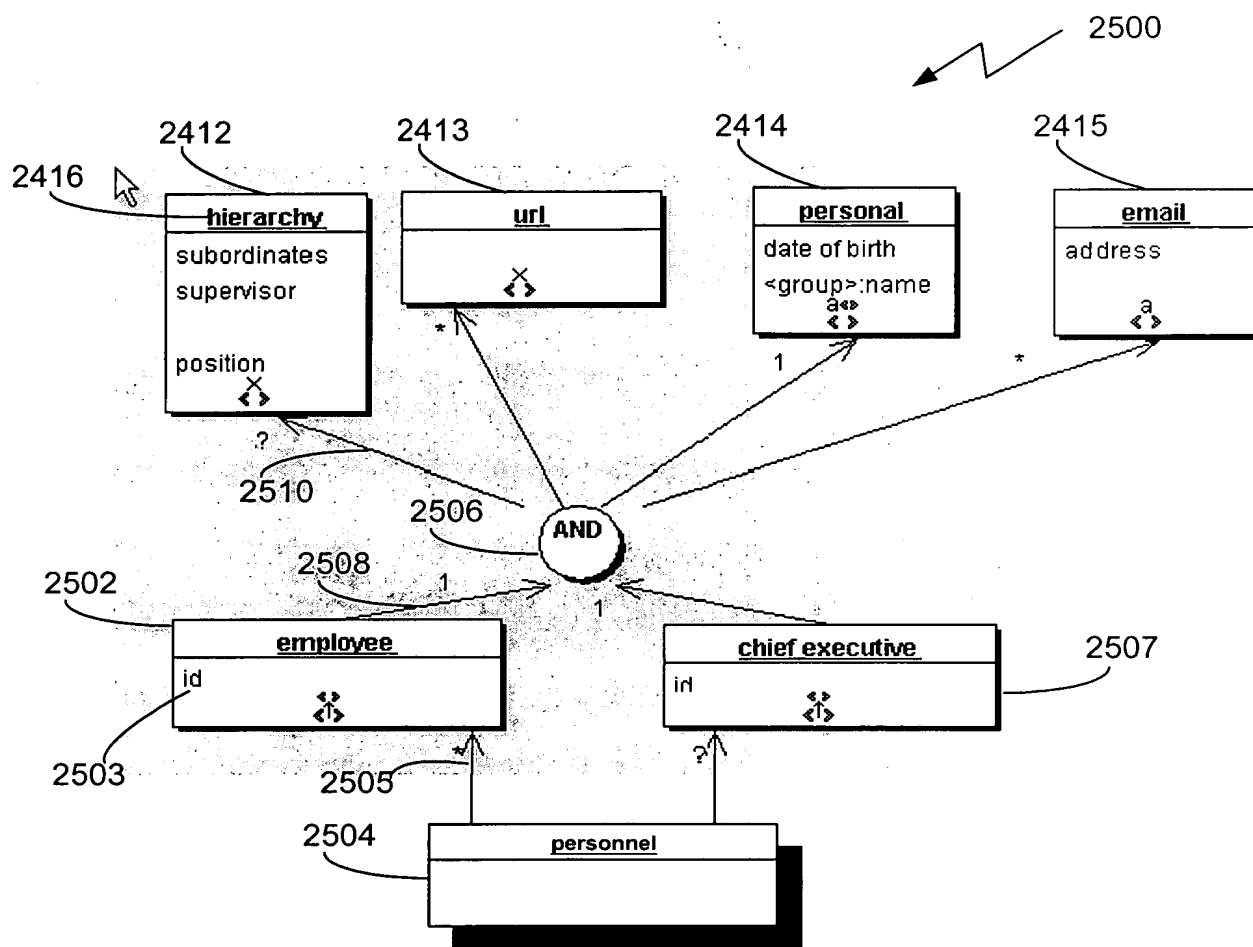


FIG. 26A

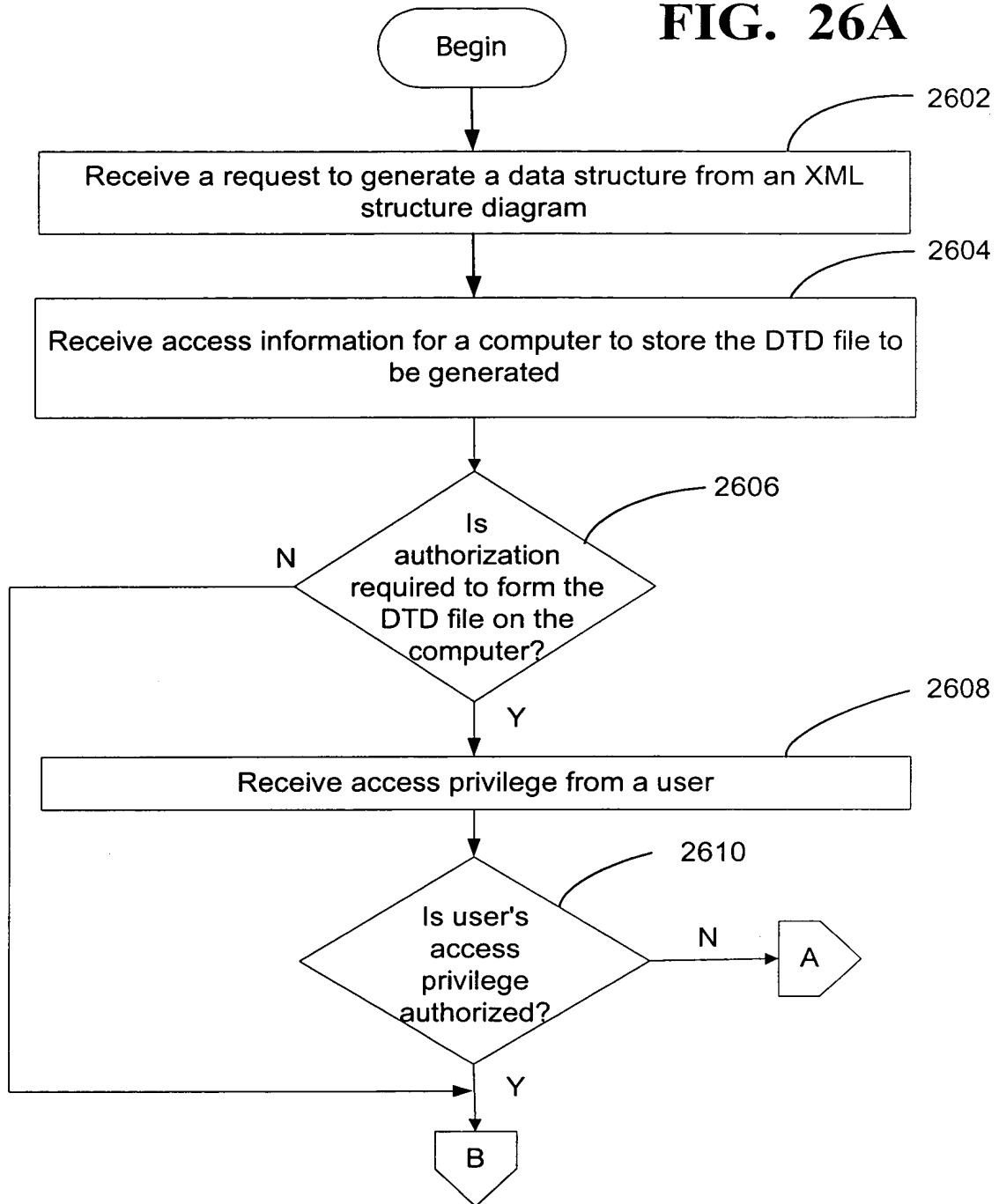
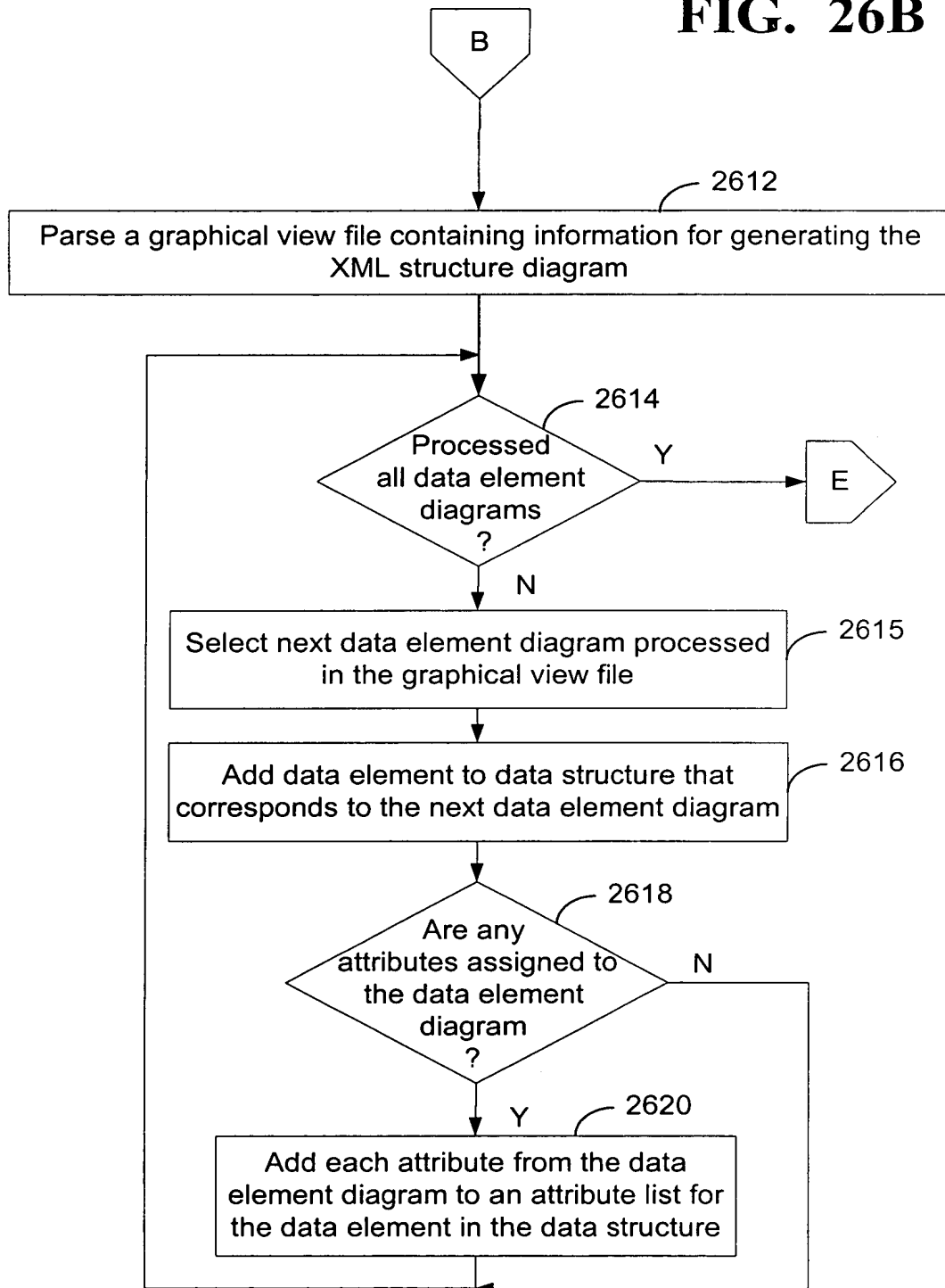


FIG. 26B



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FIG. 26C

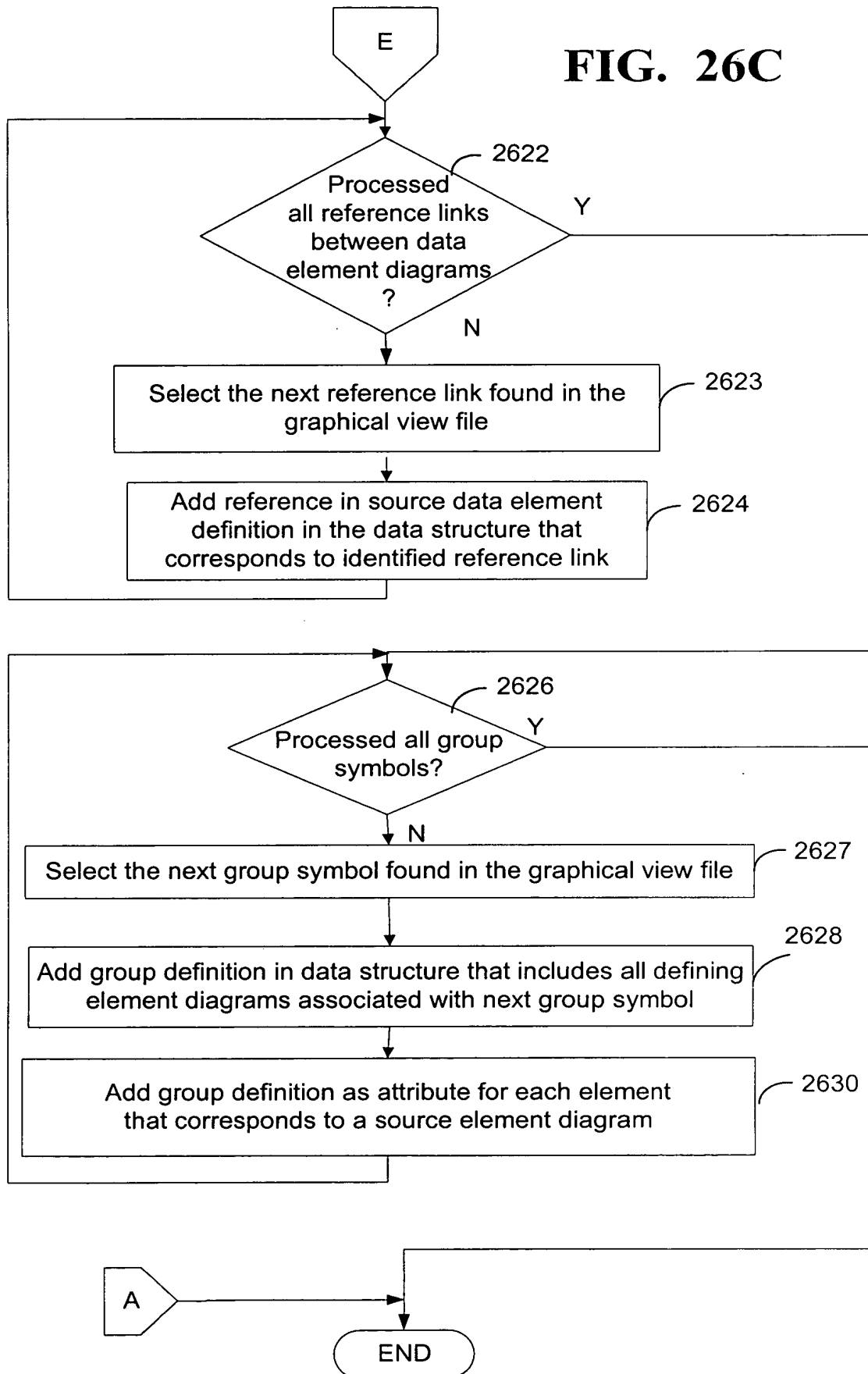


FIG. 27

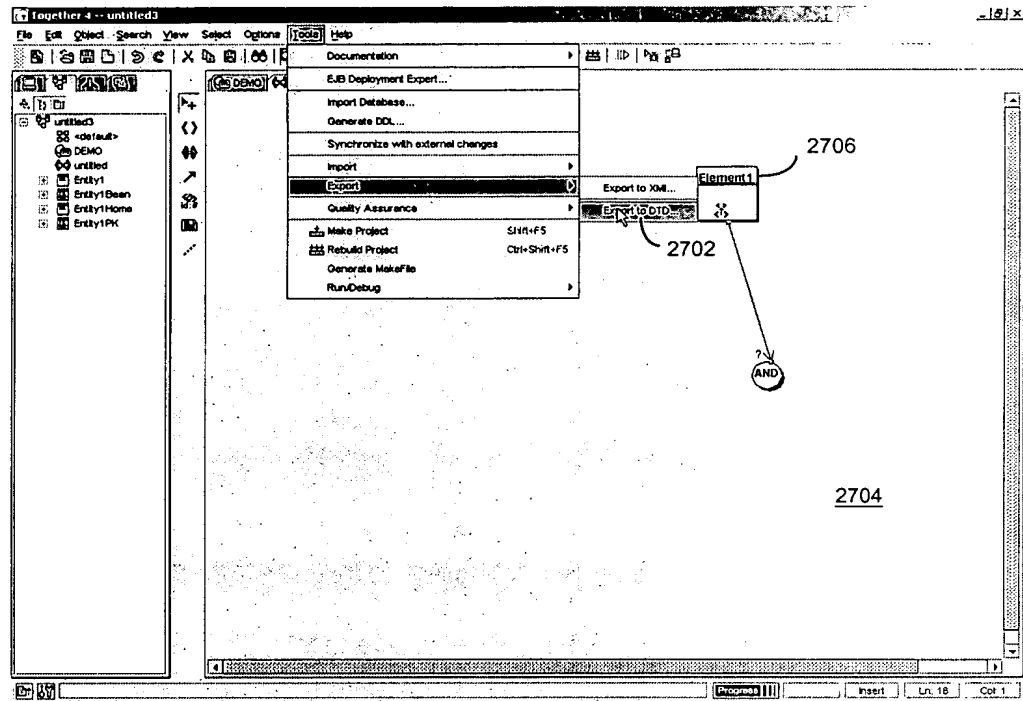


FIG. 28

